Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 11 Dec 2024 until 23:59 on Thursday 12 Dec 2024

Forecast Issued on Wednesday 11 Dec 2024 at 02:26

Confidence: High for a settled start, also for occasional patchy rain from later Thursday through to early Saturday. However, lowering for inversion, transitional and cloud details.

Headline for Wednesday 11 Dec 2024: Most staying dry with brighter spells developing. Relatively light summit winds.

Mountain weather hazards on Wednesday 11 Dec 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny intervals	Sunny intervals	Sunny intervals	Clear night	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	00%	<05%

Forecast for Wednesday 11 Dec 2024

Weather: Staying dry with the best of the sunny spells across western areas, also cloud free above the inversion which will be near 700m.

Chance of cloud-free hill tops above 800m: 40% in east, 80% in west, 100% above the inversion

Low cloud and visibility: Good or very good becoming very poor within cloud with bases quite extensive in east from 700m.

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Mountain Weather Forecast

Forecast for Wednesday 11 Dec 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	12/14 E	10/12 E	6/8 SE	6/7 SE	7/10 E	8/11 SE	11/15 SE
600	11/15 SE	11/14 SE	4/6 SE	3/5 NE	7/9 E	9/12 SE	7/10 S
300	2/8 E	2/9 E	1/3 S	1/4 N	1/4 E	2/7 SE	4/10 SE
Valley	1/2 N	1/4 N	1/4 S	1/3 N	1/3 NE	1/5 E	2/7 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-4	-0/-5	-2/-5	-2/-5	-1/-5	-1/-5	-1/-6
600	0/-4	0/-5	0/-2	-0/-2	-0/-4	0/-4	-0/-3
300	0/-1	1/-1	2/1	1/-1	0/-1	0/-1	1/-1
Valley	2/0	2/1	4/3	4/2	2/1	1/-0	2/1
Freezing Level*	400m	400m	500m	500m	400m	500m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill at height and extensive hill fog bringing difficult conditions.

Forecast for Thursday 12 Dec 2024

Weather: Dry occasionally bright start, then turning dull to overcast by late morning with some patchy light rain and drizzle for the rest of the day, this most persistent in the east of the area.

Maximum wind: Easterly less than 15mph

Chance of cloud-free hill tops above 800m: 60-70% becoming 10-20% for the afternoon

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases becoming extensive from 500m.

Temperature: **Valleys:** Plus 1 Celsius increasing 7 Celsius during the afternoon
At 800m: Zero increasing Plus 2 Celsius
Freezing level: 800m increasing 1000m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 10 December 2024 Location: Helvellyn summit at 11:37 UTC. Full report: Fantastic weather to be in the hills today, colder than expected with a freezing E wind at summit level and frost at all levels from the valley upwards. Yesterdays slightly warmer temperatures have stripped back the little snow there was around the Helvellyn summit area leaving only isolated patches, however, the rocky areas high on the edges, particularly Swirral Edge, are still holding some pockets of snow which have now refrozen in the low temperatures to give snow ice, this combined with the frosted rocks and areas that are rimed with ice have given some quite tricky conditions high up. Micro spikes would be a really good choice currently particularly around the edges and summit area where some old snow remains. The paths away from the summit area are generally less of an issue regarding old snow but terrain, particularly in the shade, has remained frozen to valley level all day and so there are many areas of ice to watch out for. Tomorrow looks like another fine day to be out on the fells! It may be slightly warmer than today at summit level but most likely higher areas will remain frozen, so plan for similar conditions as reported today. Temperature: minus 2.6 C, Maximum wind speed 19.0 mph, Wind chill: minus 11.2 C, Average wind speed: 16.7 mph

Issued at: 02:26 on Wed 11 Dec 2024

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